

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/010584

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J37/02 B01J23/44 B01J23/60 B01J23/652 B01J27/02
B01J21/08 C07C51/25 C07C53/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 157 739 A (SHOWA DENKO KK) 28 November 2001 (2001-11-28) examples	1-27
A	WO 00/61535 A (SANO KEN ICHI ; OBANA YOSHIKI (JP); SHOWA DENKO KK (JP); UCHIDA HIROS) 19 October 2000 (2000-10-19) examples	1-27

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

4 November 2004

Date of mailing of the international search report

11/11/2004

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Information on patent family members

International Application No

PCT/JP2004/010584

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